

## NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

### FACT SHEET (pursuant to NAC 445A.236)

**Permittee Name:** City of Sparks  
910 Roberta Lane  
Sparks, Nevada 89431

**Permit Number:** NEV2007506

### **Description of Discharges**

#### **Locations:**

Pagni Ranch Park Landscape Irrigation, Festa Way, Sparks, NV; Longitude: 119E41'57"W., Latitude: 39E32'38"N., Section 2, T.19N., R.20E.

Woodtrail Park Landscape Irrigation, 1899 Woodtrail Drive, Sparks, NV. Longitude: 119°42' 35"W.; Latitude: 39°32'47"N. Section 2, T..19N., R.20E.

D=Andrea HOA Streetscapes, Common Areas/Green Belts Landscape Irrigation at N. & S. D=Andrea Parkway, Vista Blvd., & San Marino Drive, Sparks, NV; Longitude: 119E42'15"W., Latitude: 39E 33'16"N., Sections 35 and 36, T.20N., R.20E.

Rail City Garden Center Nursery and Landscape Irrigation, 1720 Brierly Way, Sparks, NV. Longitude: 119E42'34"W., Latitude: 39E31'44"N., Section 11, T.19N., R.20E.

TEC Equipment/Trucking, Inc.s Landscape Irrigation, between Vista Blvd. and Heights Drive, Sparks, NV. Longitude: 119E 42'22"W., Latitude: 39E35'04"N., Sections 23 and 26, T.20N., R.20E.

Copper Canyon Streetscapes, Green Belts, Common Areas, Parks Landscape Irrigation and Temporary Irrigation of revegetation and for Construction Water and Dust Control, Vista Blvd. at Copper Canyon Parkway (Brierly Way), Sparks, NV. Longitude: 119E42'02"W., Latitude: 39E31'42"N., Sections 2, 11, & 12, T.19N., R.20E, and Section 36, T20 N., R20E.

Pelican Park & Walking Path Landscape Irrigation, at Silverton Way near Media Ct., Sparks, NV. Longitude: 119E41'39"W., Latitude: 39E36'31"N., Section 12, T.20N., R.20E.

Stonebrook Development Streetscapes, Common Areas, Parks and Green Belts and Landscape Irrigation, South of La Posada Drive and East of Pyramid Highway, Sparks, NV. Longitude: 119E42'14"W., Latitude: 39E37'44"N., Section 2, T.20N., R.20E.

Spanish Springs Nursery, Landscape & Nursery Irrigation, 7655 Pyramid Highway, Sparks, NV. Longitude: 119E42'58"W., Latitude: 39E38'05"N., Section 3, T.20N., R.20E., & Section 35, T.21N., R20E.

**Characteristics:** *The Truckee Meadows Water Reclamation Facility (TMWRF) will provide tertiary treated, denitrified and disinfected effluent for reuse irrigation at the nine irrigation facilities. Reuse at the new sites will be via spray irrigation of turf grasses and drip irrigation of trees and other landscape plant materials. All reuse irrigation operations shall be conducted and operated in accordance with the approved Effluent Management Plans (EMPs) and permit conditions; dust control, irrigation of revegetation and soil conditioning is included for construction uses.*

**Flow:** *The applicant has applied for a permit for a total flow of 1.109 MGD 30-Day Average Flow and 1.481 MGD Daily Maximum Flow at a combination of nine sites including parks/streetscapes, common areas and commercial landscaping. The permit requires the reuse water quantity to be monitored and reported. The maximum monthly flow is based upon the highest usage month determined from the consumptive use balance plus 10% allowance, and in accordance with the approved Effluent Management Plan. The annual application volume is limited to a maximum of 418.27 acre feet/year for all the sites combined.*

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**Fecal Coliform:**

*Fecal Coliform:*\*      2.2 CFU/MPN/100 ml 30 day average

CFU = Colony Forming Units;  
23  
CFU/MPN/100 ml daily max.  
MPN = Most Probable Number; ml = Milliliter

\* Sample results are obtained from TMWRF (# NEV2003506)

**General:** The applicant intends to supply and manage/reuse tertiary treated, denitrified and disinfected effluent water provided by the Truckee Meadows Water Reclamation Facility (TMWRF) on a total of nine streetscapes/parks/common areas/green belts/parks/nurserys and commercial landscaping sites. The TMWRF provides reclaimed water that meets Category B quality per NAC 445A.276, and is denitrified below 10 mg/l N.

**Receiving Water Characteristics:** Groundwater in the area is potable and the depth to groundwater in the area varies with elevation. The Permittee, as described in the approved Effluent Management Plan (EMP), will need to ensure that the treated denitrified effluent is applied at the consumptive rate. No adverse effects to groundwater are expected to occur as a result of this effluent reuse.

**Procedures for Public Comment:** The Notice of the Division's intent to issue the permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Reno Gazette-Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of the publication of the public notice. All comments must be received by July 8, 2007. The comment period can be extended at the discretion of the Administrator.

*A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.*

*The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.*

*Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determined to be appropriate. All public hearings must be conducted to accordance with NAC 445A.238.*

*The final determination of the Administrator may be appealed to the State Environmental*

*Commission pursuant to NRS 445A.605.*

**Proposed Determination**

*The Division has made the tentative determination to issue the proposed permit for a period of five (5) years.*

**Schedule of Compliance and Special Conditions**

*Cross-Connection control documentation approved by the Washoe County Health Department and Truckee Meadows Water Authority (where applicable) for all sites shall be confirmed and submitted prior to effluent reuse.*

*There are no other special conditions.*

**Rationale for Permit Requirements**

*Required parameters are monitored to ensure effluent reuse requirements are maintained per NAC 445A.275 and 445A.276.*

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